

Screw pumps – PE4 series with relief valve

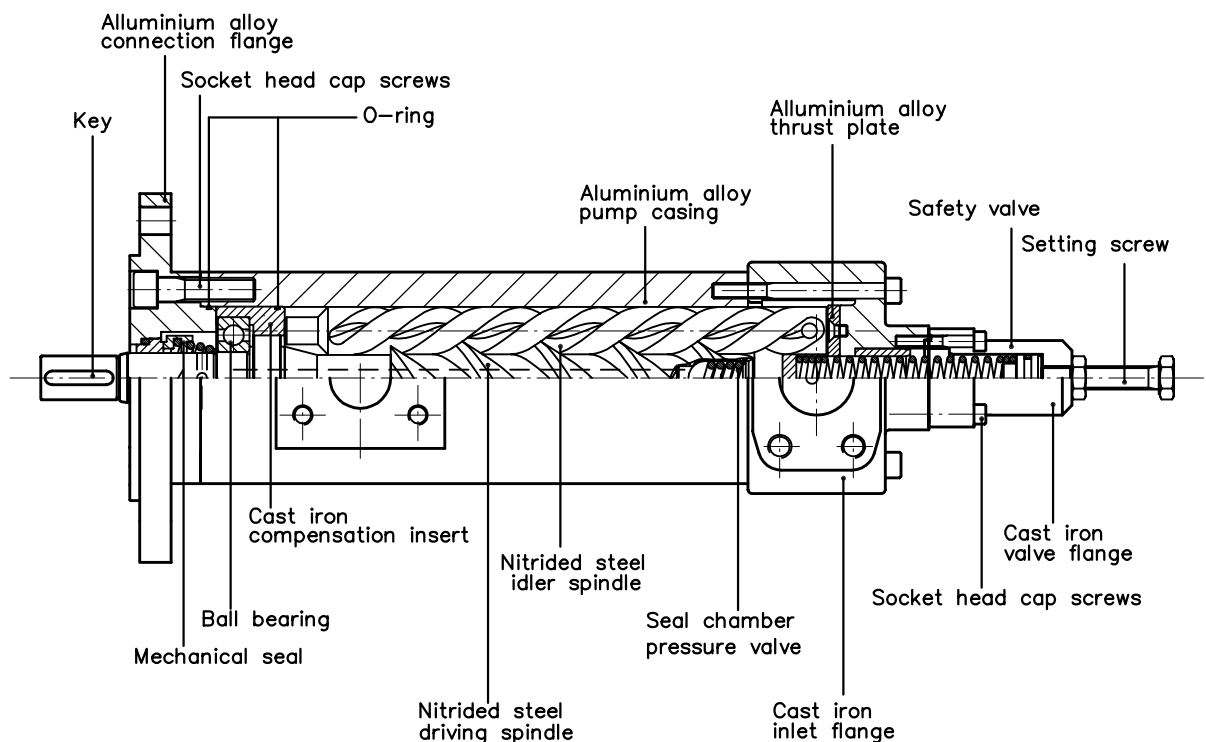
For hydraulic oils, lubricating oils
Admissible delivery pressure
(standard valve setting) = 7, 16 or 40 bar

Main field of application:

Industrial general purpose, low pressure range



Section and components



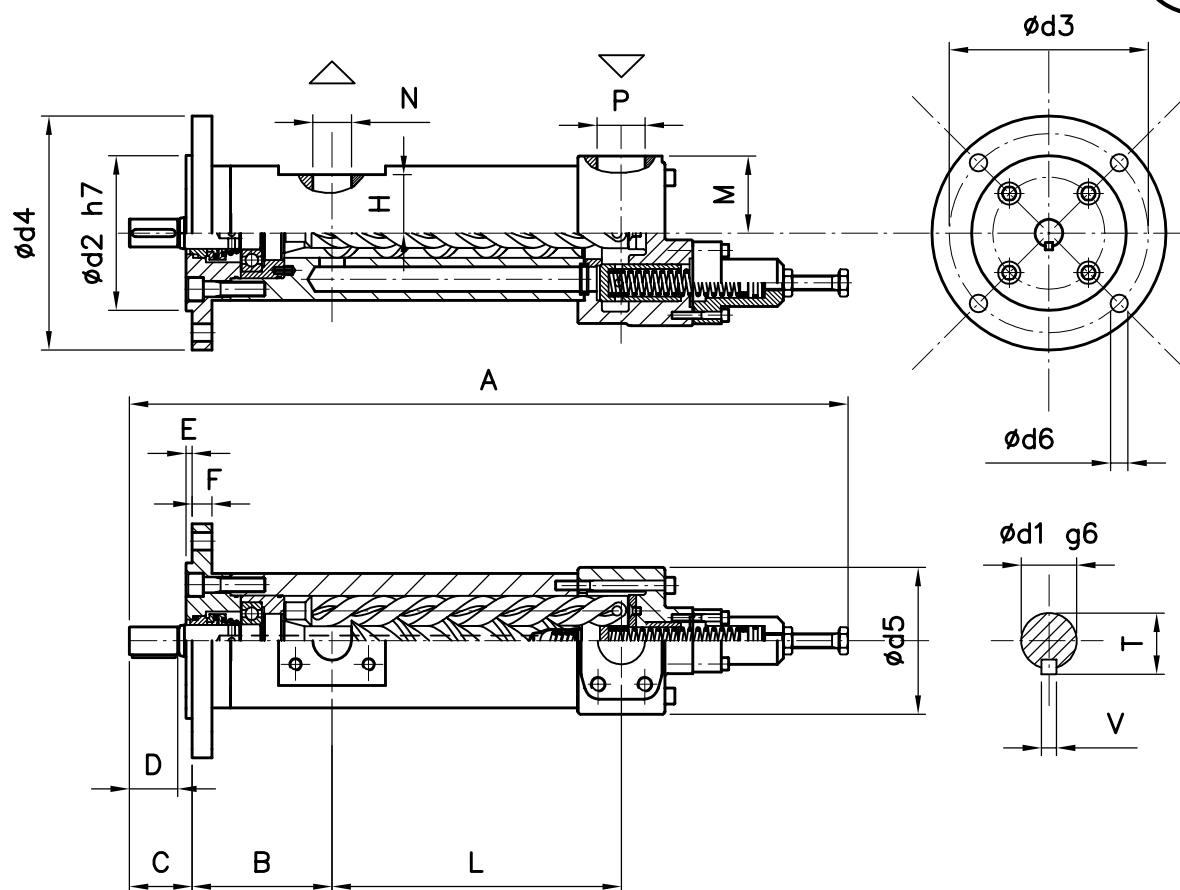
Functional characteristics standard version

Delivery flow	10 to 550 l/min (2,6 to 145USGPM)	
Admissible delivery pressure*	up to 40 bar (580 psi) continuous	
Admissible suction pressure	-0,5 to 5 bar (-7,3 to 73 psi)	For different values contact SEIM
Kinematics viscosity	10 to 400 cSt	For different values contact SEIM
Admissible temperature	0 to 120 °C (32 to 248 °F)	For different values contact SEIM
Driving speed	750 to 3600 rpm	
Average noise level	58 ÷ 66 dB(A) at 2900 rpm according to pump dimension	
Recommended filtration	60 micron max, suction side (not abrasive contaminant) ISO4406 19 / 16 – NAS 10	
Direction of rotation	clockwise, as seen from the driving side	
* Standard valve setting	mod. A: 0 – 7 bar	(0 – 102 psi)
	mod. B: 7 – 16 bar	(102 – 232 psi)
	mod. C: 16 – 40 bar	(232 – 580 psi)

* Reduced pressure limits apply due to fluid viscosity and driving speed
Consult the performance charts for the individual pump size
For different functional characteristics, please contact our sales department

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BM – STE – PE4H – GB 11-01 - 2

Inlet flange **NOT** adjustable

Dimensional chart (mm)

SIZE	A	B	C	D	E	F	H	L	M	N P SAE		T	V	d1	d2	d3	d4	d5	d6
PE025#4..H..	429	101	42	35	5	14	40	151	55	1"	1 1/4"	21,5	6	19	100	125	150	105	11
PE029#4..H..	429	101	42	35	5	14	40	151	55	1"	1 1/4"	21,5	6	19	100	125	150	105	11
PE032#4..H..	459	101	42	35	5	14	40	181	55	1"	1 1/4"	21,5	6	19	100	125	150	105	11
PE040#4..H..	559	112	47	40	5	16	47	222	62	1 1/4"	1 1/2"	24,5	6	22	125	160	188	118	14
PE045#4..H..	597	126	47	40	5	18	53	252	68	1 1/2"	2"	27	8	24	125	160	188	131	14
PE055#4..H..	705	136	62	55	5	20	64	291	82	2"	2 1/2"	33	8	30	160	200	234	158	18
PE060#4..H..	775	151	62	55	5	23	69	344	89	2 1/2"	3"	35	10	32	160	200	234	172	18